

CSWC Operational Period Summary

0600 May 27 2015 to 1800 May 27 2015



Refugio Oil Spill.

Photo Credit: CNN

Note: [Report changes/updates are in blue](#)



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

SITUATION SUMMARY

SPILL: 15-2929 – Tar Balls, Oxnard, Ventura County

- On 05/27/15 at 0816 hours the California State Warning Center (CSWC) received a report indicating tar balls were observed on Hollywood Beach, Oxnard, Ventura County.
- Per the Ventura County Sheriff's Office of Emergency Services, via the Ventura Cal OES Operational Area (OA) Emergency Services Coordinator (ESC):
 - The Ventura Harbor Master went to Hollywood Beach to assess information and observed minimal tar (nothing more than the usual) caused by natural seep. He also observed no oil or sheen on the water surface.
- The CSWC briefed the Cal OES Executive Duty Officer (EDO), Cal OES Fire Duty Officer (FDO), and Southern Duty Officer (SDO) and made a full notification pursuant to our Hazardous Materials SOP.

SPILL: 15-2943 – Tar Balls, Manhattan Beach, Los Angeles County

- On 05/27/15 at 1241 hours, the California State Warning Center (CSWC) received a report indicating a tar-like substance was observed on Manhattan Beach, Los Angeles County.
- Per the Los Angeles County Office of Emergency Management, via the Los Angeles Cal OES OA ESC:
 - According to County Fire, National Response Organizations, DFW, OSPR, USCG, County Fire Health Haz Mat, County Fire, Beaches Public Health, EMS are on scene.
 - The situation is still being assessed and there is no responsible party identified at this time.
 - Currently, small tar balls have washed up on the shore at Manhattan Beach between 26th and Strand.
 - The spill appears to be over a 3-4 mile wide area. The tar balls have been located in spotty locations throughout that exposure area. There does not appear to be a high volume of tar balls. There is no further appearance of an oil sheen in the water and there is no life safety issues at this time.
 - The beach area has been closed and Public Health is placing signage indicating the closure of the beach area. At the present time Public Health is developing a Press Release regarding this incident.
 - LA CO Public Health officials are advising residents to avoid contact with the water, wet sand, and any materials washed up on shore in the area.
 - Beach users are advised to stay out of the water until the contaminated areas of the beach have been cleaned and the advisory is removed. Dry areas of the beach are not affected by this advisory.
 - There is no request for assistance to the Operational Area and OEM is monitoring the situation.
- The CSWC briefed the Cal OES EDO, FDO, and SDO and made a full notification pursuant to our Hazardous Materials SOP.

SITUATION SUMMARY

SPILL: 15-2946 – Train Derailment, Bloomington, San Bernardino County

- On 05/27/15 at 1649 hours, one rail car derailed upright during humping operations inside of the Colton Railyard in Bloomington, San Bernardino County.
- The rail car was loaded with paper. There was no release of hazardous materials.
- The California State Warning Center made all appropriate notifications per the Hazardous Materials SOP.

Planned Outage, Klamath Area, Del Norte County

- Approximately 800 Pacific Power customers in the Klamath area had their electricity shut off today as the utility finalized storm-related repairs.
- The power outage lasted from 1000 to 1400 hours and affected customers along U.S. Highway 101 near Trees of Mystery, Highway 169, Requa, Klamath Glen and Alder Camp. The repairs stem from damage caused by a major storm that hit in February.

SITUATION SUMMARY

SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

- On 05/19/15 at 1243 hours the California State Warning Center received a report from the Santa Barbara County Fire Department indicating that a ¼ mile sheen was observed off of Refugio State Beach, near Goleta, Santa Barbara County.
- On 05/19/15 at 1510 hours the NRC reported that Plains All American Pipeline advised that crude oil was discovered to be coming out of a transmission pipeline at a Culvert under Highway 1. Contractors responded to scene and the action line was shut in.
- The source of the spill was capped at approximately 1500 hours on 05/19/15, but a significant amount of oil reached the ocean at Goleta.
- Mission opened in Cal EOC: **2015-05-19 Santa Barbara Refugio Oil Spill Incident.**
- The CSWC conducted all appropriate notifications, including but not limited to local government agencies.

Proclamations

- Governor Brown Declares State of Emergency in Santa Barbara County to Assist Oil Spill Response.
- <http://gov.ca.gov/news.php?id=18967>
- A Proclamation from Santa Barbara County has been received. The County is not requesting CDAA at this time.
- On 05/22/15 City of Goleta submitted a Proclamation of Local Emergency. The City is not requesting CDAA at this time.
- On 05/23/15 the University of California Santa Barbara submitted a Proclamation of Campus Emergency with no requests at this time.

Activations

On 05/27/15:

- The State Operations Center is activated at Level 1.
- The Southern Region Emergency Operations Center (REOC) is activated at Level 1.
- Santa Barbara EOC is activated at Level 3.
- The EOC is being used for the ICP, and has an Operational Period of 24 hours – 0600 to 0559 hours.

SITUATION SUMMARY

SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

Deployments

- Unified Command
 - Federal on Scene Coordinator: US Coast Guard (USCG) & the Environmental Protection Agency (EPA).
 - State on Scene Coordinator: CA State Parks & CA Fish and Wildlife (CDFW).
 - Local on Scene Coordinator: Santa Barbara County Office of Emergency Management (OEM).
 - Tribal Coordination: Santa Ynez Chumash Tribe, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl.
 - Responsible Party: Plains All American Pipeline LLC.
- Cal OES Deployments
 - Southern Deputy Regional Administrator
 - One ESC from Cal OES Southern Region, Ports and Harbor Representative
 - Two (2) ESC from Cal OES Southern Region, Agency Representative
 - [One ESC from Cal OES, Subject Matter Expert \(SME\) on Individual Assistance \(IA\)](#)
 - Three (3) Cal OES PIO
 - Region I Fire and Rescue Assistant Chief

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Responding Agencies

Federal

- USCG, Pipeline and Hazardous Materials Safety Administration (PHMSA), EPA, US Fish and Wildlife, and NOAA.

State

- Cal OES, CA State Parks, Cal OSPR, CA Fish and Wildlife, Cal Volunteers, California Conservation Corps, and California Coastal Commission.

Local

- Santa Barbara County OEM, Santa Barbara County Fire Department, Santa Barbara Sheriff's Office, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl, Santa Ynez Chumash Tribe , and the Gaviota Police Department.

Beach and Campground Closures

- Refugio Beach camp ground and El Capitan state beach will remain closed through 06/04/15 or until deemed safe and staged equipment is removed.

Road Closures (Lane Reduction)

- Highway 101 – The shoulder of highway 101 is intermittently closed for clean-up vehicle parking.

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Tribal

- Per the Cal OES Tribal Liaison:
 - The Santa Ynez Chumash Tribe (a Federally recognized Tribe) is now impacted and has sent a representative to the ICP.
 - The representative is the cultural monitor for the Tribe.
 - The Cal OES Southern Region ESC and Tribal Advisor, are in close contact with Santa Ynez Chumash Tribe to ensure proper consultation with the Federally recognized Tribe.
 - Cal OES Tribal Advisor reached out to the consultant for the three Non-Federally-recognized Clans (Barbareno, Coastal and Southern Owl) , and confirmed she is working directly with the Unified Command group to ensure that the three clans cultural sites are being protected.
 - A Southern Owl Clan member contacted the State Historic Preservation Office (SHPO) and CA Native American Heritage Commission (CNAHC) advising them that these clans have cultural sites in the impacted zone of this event.

Health and Medical

- California Department of Fish and Wildlife closed affected fishing areas.
- Center for Toxicology & Environmental Health, LLC (CTEH) is conducting air monitoring. There have been no reports of inhalation concerns and no records of chemicals that could cause long term health effects. No reports of injuries from public or responders.

Economic Impacts

- The Cal OES Southern Region and Individual Assistance Branch staff are coordinating the collection of data related to the economic impacts to locals businesses due to the oil spill. Cal OES has forwarded the Estimated Economic Injury Worksheet for Businesses to Santa Barbara County OEM staff to assist with this effort and determine if businesses within the County qualify for Economic Injury Disaster Loans (EIDLs).

Third-Party Claims

- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill. Claim Phone Number: 866-753-6391. To date, no claims have been reported to the National Pollution Fund Center.

SITUATION SUMMARY

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Environmental Impacts

- Fishery Closure area expanded and now extends from Canada de Alegeria at the western edge to Coal Oil Point at the eastern edge and out to 6 miles seaward.
- California Department of Fish and Wildlife submitted a declaration of Fishery Closure on 05/21/15 due to a public health threat caused by the oil spill. OSPR has ordered a ban on fishing and the taking of shell fish in the spill area.
- The following areas have been cleared by cleaning crews:
 - Gaviota Creek
 - El Capitan Creek
 - Las Llagas
 - Tecolote Creek
 - Bell Canyon Creek
 - Deveraux Creek
 - Corral-La Flores Creeks
 - Arroyo Hondo Preserve and Creek
- The following area has not yet been cleared:
 - Eagle Canyon Creek – in progress
 - Refugio Creek (spill site) – boomed

Wildlife

- The Wildlife Care Network continues to conduct wildlife monitoring and recovery efforts.
- As of 1800 hours on 05/26/15, the OCWN has received reports of 49 birds captured, 16 birds DOA (total of 65 birds), 27 mammals captured, and 9 oiled mammal DOA (total of 36 mammals).
- Freshwater lagoon drainages in the affected area have berms installed. Berms remain intact and provide protection for sensitive species from oil.

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Pipeline Information

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
 - Per PHMSA, a Corrective Action Plan was submitted on 05/21/15 and will require the Responsible Party to remove all oil from the pipeline within 10 days.
 - To date, 550-600 barrels of product has been removed from the pipeline which is equivalent to approximately 23,100-25,200 gallons.
 - The investigation of the pipeline will be ongoing for approximately four (4) months
 - The exact amount of oil release is unknown but is estimated between 31,000 gallons to 105,000 gallons as a worst case scenario.
 - The worst case scenario spill volume has been reduced based on the amount of oil recovered from the damaged pipeline. The new worst case scenario volume is estimated at 101,000 gallons.
 - Unified Command approved the plan to remove section of the ruptured pipe on 05/25/15. Work on the pipe has started and they have removed soil above the suspected breaking point.

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Response and Clean Up Efforts

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
 - Approximately 24.61 miles of shoreline have been investigated. This investigation revealed the following levels of impact from the oil spill:
 - 41.8% light oil impacts
 - 21.1% moderate oil impacts
 - 21.5% heavy oil impacts
 - 15.7% no impact from the oil spill
 - Nearly 10 miles of coastline has been impacted from Gaviota to Coal Oil Point and about 30 miles offshore.
 - 12 sites have been identified as sensitive, all have been boomed.
 - The majority of oiling is located on beaches and in cobble riprap, between Arroyo Hondo and two (2) miles east El Capitan Beach. Additional pooling of oil exists east of the railroad tracks down to a depth of 30". These areas have been targeted for light mechanical and manual removal.
 - 10,060 gallons of oily water mixture have been collected offshore. The remaining offshore oil exists within a thin sheen reducing the amount that can be collected via skimmers; therefore, offshore oil collection activities have been minimized.
 - Onshore oil cleanup continues.
 - In addition, the following have been collected onshore:
 - 1,095 cubic yards of oily vegetation
 - 440 cubic yards of oily soil
 - 1,720 cubic yards of oily sand
 - 103 cubic yards of oiled equipment (including gloves, masks, Tyvek, etc.)
 - 2,140 cubic yards of oiled debris
 - Approximately 2,240 feet of hard boom and 1,840 feet of absorbent boom for a total of 4,080 feet of boom currently deployed.
 - US EPA is reviewing options for cleaning the cobbled beach areas.
 - Clean up efforts continue on a 24 hour schedule.

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Resources

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
- As of 1800 hours on 05/26/15, there are a total of 938 personnel from all organizations currently responding to the incident. There are 282 personnel in the ICP and 656 in field operations.
- There are currently 24 vessels and 1 crane barge with tug available to the incident to assist with the response. These vessels are being utilized to perform boom and skimming operations offshore. Vessels not currently in use are being staged in the Ventura Harbor.
- Approximately 2,240 feet of hard boom and 1,840 feet of absorbent boom for a total of 4,080 feet of boom are currently deployed. A total of 10,080 feet of boom is deployed and available at the incident.
- There are 2 contracted aircraft deployed to this incident.
- Five Shoreline Clean Up Assessment Teams (SCATs) have been surveying shoreline to assess extent of impact and determine best method of clean up.

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Volunteers

- Cal OES continues to coordinate volunteer activities with Cal Volunteers, OSPR, the City of Santa Barbara, Santa Barbara County OEM, the University of California Santa Barbara and Chumash Tribe representatives. An Emergency Volunteer Center is being established and hazmat training is being provided to volunteers.
- Cal OES deployed staff helped coordinate a volunteer beach cleanup event held on 05/26/15 at Goleta Beach. [Approximately 20 trained volunteers dressed in Tyvek outfits assisted with the cleanup of oily debris located in the beach area.](#) These volunteers received 4 hours of health and safety (Hazmat) training prior to participation in this event.
- [Today Cal OES deployed staff helped coordinate and attended a community volunteer beach cleanup at Haskell's Beach. The event took place from 1300 to 1700 hours. Approximately 40 volunteers were present. Media was also in attendance.](#)
- [As of today at 1100 hours a total of 900 applications to volunteer to assist in beach cleanup have been received.](#)
- [An additional 170 volunteers have registered to attend health and safety training scheduled for Thursday, 05/28/15 in anticipation of participating in the beach cleanup scheduled for Saturday, 05/30/15.](#)
- [There are two health and safety training sessions scheduled for Thursday, 05/28/15 for registered volunteers. The sessions will be held from 0800-1200 and 1300-1700.](#)
- [The Saturday, 05/30/15 beach cleanup event is scheduled to occur from 1300-1700. The location for this event has not been confirmed.](#)
- Cal OES deployed staff will continue to assist in the coordination of these events. Community CERT and Spontaneous Volunteers are being trained and utilized for the beach cleanup efforts. Deployed Cal OES Southern Region staff prepared a briefing regarding volunteer coordination efforts related to this incident which was then presented by OSPR 05/26/15 at Santa Barbara County Board of Supervisors Meeting in Santa Maria.
- The public can assist by visiting this website <https://calspillwatch.dfg.ca.gov/Spill-Archive/Refugio-Incident/Volunteer> or by reporting oiled wildlife by calling 877-UCD-OWCN (not a volunteer line).
- OSPR's Convergent Volunteer toll free hot-line has been activated for information only.
- There are a reported 9 volunteers working in the field.
- Two (2) Santa Barbara County CERT members are providing logistical support to the Santa Barbara EOC/ICP.

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Public Information

- Press conferences are scheduled through the weekend at 1400 hours.
- Joint Info Center (JIC) has been established.
- OSPR has an incident website that the JIC will be posting information to.
 - JIC WEBSITE: <http://www.refugioresponse.com>
 - Future media inquiries regarding Refugio State Beach oil spill should call: **805-696-1188**.
- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill: 1-866-753-3619.
- Cal OES JIC staff have been working in coordination with JIC leadership and Unified Command to schedule a community open house regarding the oil spill response. The open house will be held on Saturday, 05/30/15 from 1100-1400 hours at the Elks Lodge #613 located at 150 North Kellogg Avenue, Santa Barbara.

Cal EOC Incident – 2014 Drought

- SOC / Inland REOC remains activated in support of 2014 Drought

Weather of Concern

- There are no significant Watches or Warnings in effect at this time

Active Weather Warnings, Watches and Advisories by County: http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php

WEATHER

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA

Northern California had three areas of convective activity from the Cascade/Sierra eastward Tuesday, producing about 110 lightning strikes total in the Geographic Area. Stronger high pressure aloft will generally bring warming and drying to Northern California from today into Friday or early Saturday. A couple of weak disturbances moving through the larger-scale ridge position will provide just enough moisture and instability that there could still be isolated light showers or weak p.m. thunderstorm developing. Today and Friday look the more likely to see those slight chances materialize than does Thursday. Gradient winds will remain generally light (under 12 mph) the next few days, though Friday afternoon could see areas of stronger convective down drafting in the eastern sections. The weather at least temporarily trends back the other way starting Sunday, when a weak but fairly moist Pacific cold front moves onshore in the p.m. hours. This will be followed by a slow moving upper trough passage Monday into Tuesday. Wetting rain appears likely for approximately the northern third of Northern California with that trough, and mid to higher terrain farther south could also see some occasional shower activity starting early Monday.

SOUTHERN CALIFORNIA

Weaker onshore pressure gradients and a shallower marine layer will allow for quicker clearing along the coast and valleys today. High temperatures will be 3-5 degrees warmer over most locations with valley high temperatures close to 80 degrees. Mountain locations will be in the 60s. Yesterday, only a handful of thunderstorms were seen in the high Sierra with around 30 lightning discharges near the Crest. Expect similar numbers today and Thursday. Winds in the deserts should be weaker than the past few days, but the Antelope Valley and Banning Pass may still see some gusts to 25 mph this afternoon. Thursday and Friday, high pressure will build over the region, resulting in significantly warmer temperatures. The valleys will be in the lower 90s by Friday with 100-105 readings returning to the low deserts. Winds will be light after today. No thunderstorms are expected this weekend. Afternoon relative humidity will fall into the teens from 1,000 – 6,000 feet for 6-8 hours each afternoon Thursday through Saturday, but relative humidity recovery should be good each night. Cooler, onshore flow will return Sunday through the first half of next week. Long range models indicate a change to a hotter and drier pattern may be ensuing during the second week of June.



Key Points

05/28 – 06/03

Thursday-Friday

- Isolated afternoon/evening showers over higher terrain of Regions III-IV
- No significant weather/water hazards expected
- Warming trend continues

Saturday-Sunday

- No significant weather/water hazards expected
- Warm statewide with cooling trend beginning Sunday across northern CA

Monday-Wednesday

- Showers return to far northern CA
- No significant weather/water hazards expected
- Cooling trend statewide except southeast deserts



California OES Impact Threat Matrix

May 28, 2015 – Jun 03, 2015

DAY/THREAT	THU	FRI	SAT	SUN	MON	TUE	WED
Fire Weather							
Winds							
Extreme Cold							
Snow							
Heavy Rain/ Flash Flooding							
River Flooding							
Severe Weather							
Heat							
Tropical							

	High Threat
	Moderate Threat
	Slight Threat
	No Discernible Threat



Days 1-3 Precipitation Forecast

Precipitation (Inches)



Thursday



Friday

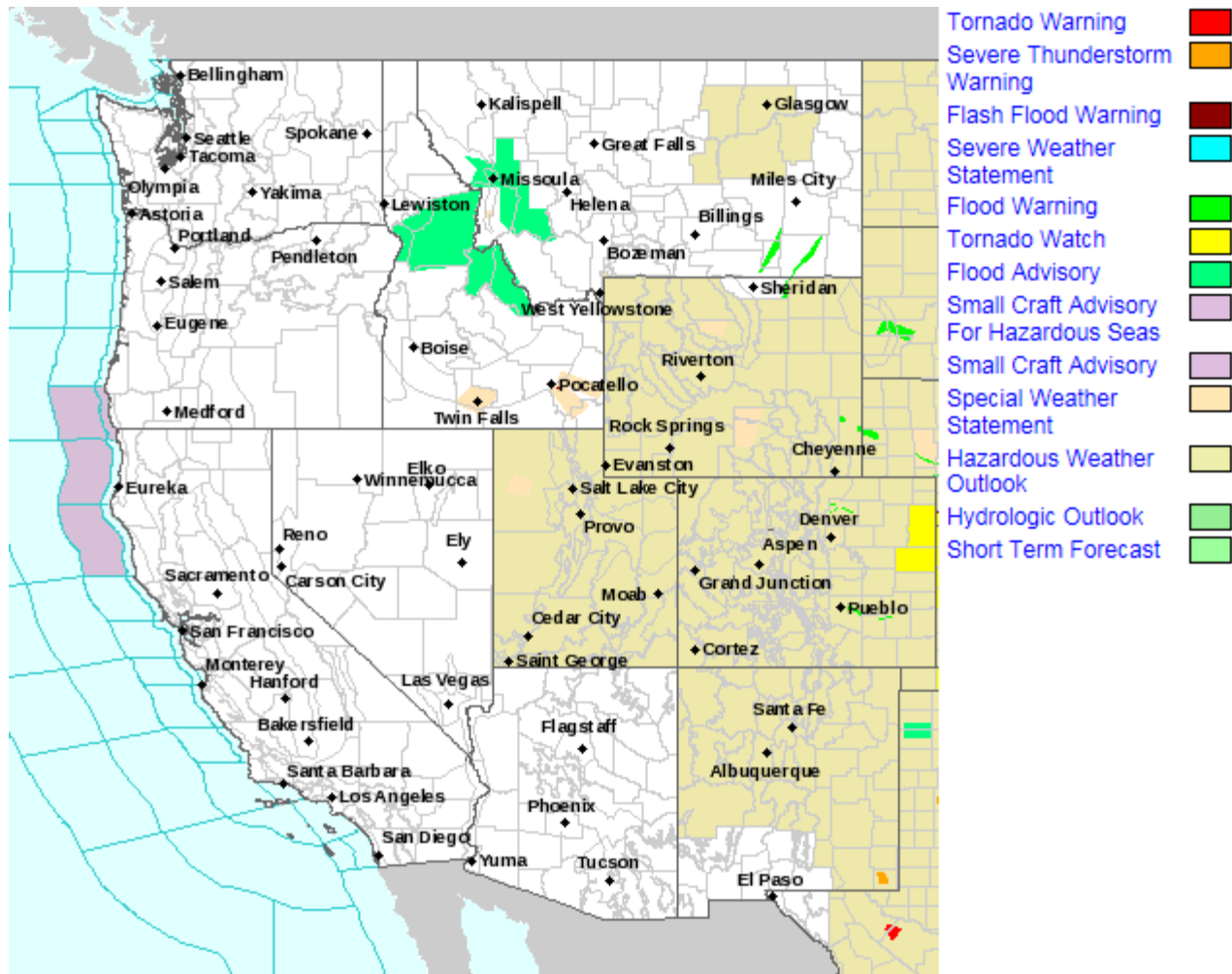


Saturday



Rainfall to be limited to higher terrain of northern CA and the Sierra with 3 day totals not expected to exceed a tenth of an inch.

STATE WEATHER MAP



Cal OES
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FIRE ACTIVITY



Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 1

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

- The SOC, Inland, Coastal, and Southern REOCs and the Santa Barbara County EOC are activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Regional (Inland, Coastal, Southern) conference calls continue to occur on a weekly basis.

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

Local Emergency Proclamations:

A total of 57 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 25 Counties: El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 11 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Montague (Siskiyou County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), and City of West Sacramento (Yolo County), City of Willits (Mendocino County), City of Manteca (San Joaquin County), City of Porterville (Tulare County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.